

ABSTRACT OF THE DISCLOSURE

The on-resistance of each of the respective switches in an upper selection circuit is adjusted according to a reference gradation voltage of a reference gradation voltage line, to which each switch is connected, and a dividing
5 resistance of a ladder resistance. A circuit configuration for the upper selection circuit and lower selection circuit is structured by the combination of an external logic type circuit and an internal logic type circuit. Thus, the colors of an image display apparatus can be controlled
10 smoothly.